

Aircraft Record General Information

Manufacturer TECNAM Model P2002 Sierra
Serial 316 Registration Number N145AG
Date of Manufacture 11-05-2007

Engine(s) currently installed:

Manufacturer Rotax Model 912 ULS Serial 5648853
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer GT Propeller Model GT-2/173/VRR-FW 106 SRTC
HUB Model _____ Serial 2285 Serial _____

Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

REPLACE ELT BATTERY BY

MARCH 2013

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] Spartan Drive Denton, TX 76207
 LOG ID# 1359 12-May-2008 AC TT 3.3 HOBBS 3.3
 N145AG S/N 316 TECNAM P2002

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AIRCRAFT TEST FLOWN ON 02/01/2008 FOR 2.8 HOURS BY FACTORY AND WAS FOUND SATISFACTORY, REFERENCE
 TEST FLIGHT REPORT DATED 02/01/2008.

[REDACTED] 05-12-08
 Date

A&P [REDACTED] IIA DONALD D JOHNSON JR

YEAR:

DATE

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I find that this aircraft meets the requirements for the certificate requested and have issued a special airworthiness certificate dated 05/12/2008. The next condition inspection is due 05/31/2009.

DART-710500-SW

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] Spartan Drive Denton, TX 76207
 LOG ID# 1758 22-September-2008 AC TT 3.3 HOBBS 3.3
 N145AG S/N 316 TECNAM Sierra

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INSTALLED TECNAM CARB HEAT SYSTEM ON AIRCRAFT AS PER TECNAM MAINTENANCE MANUAL AND INSTALATION DRAWINGS. REVISED WEIGHT AND BALANCE IN AIRCRAFT PAPER WORK AND FLIGHT MANUAL. OPERATIONAL CHECK SATISFACTORY.

A&P

IA

FRIEDRICH H MOORE

Date

09/22/08

ician or Repair

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K

YEA

DAI

US Aviation Group, LLC U.S. Aircraft Maintenance Spartan Drive Denton, TX 76207 U9FR750K
LOG ID# 1851 14-October-2008 WO# 1439 HOBBS 3.6
N145AG S/N 316 TECNAM Sierra

Pg 1 / 1 repair

with TECNAM Authorization dated September 16, 2008, the following equipment is installed in P2002 Sierra, serial number 316, in accordance with the manufacturer's installation instructions. AF-3400EF, Advanced Flight Systems EFIS, with AF-AOA, AF-BAT, AF-MAP, AF-GPS, AF-Weather options. AF-3400EF, S/N 60589, installed in pilot side instrument panel utilizing fabricated overlay to provide additional strength and positioning of unit in front of pilot. Installation accomplished in accordance with User's Guide and Installation Manual version 5.4 dated 5/2/2008. AF-AOA ports installed into left wing as designated by Tecnam Support. Installation in accordance with AFS, Inc. AOA Manual Rev 4, 17605 2000-2004. Installed WXWORX XM weather unit behind instrument panel and below transponder. Unit Model REWX91D with Radio ID OG48018Z. Installation accomplished in accordance with wxworx Portable Receiver II User Guide Version 2.1. Antenna for XM mounted at forward glareshield. GPS antenna installed at forward glareshield. Garmin SL40 VHF COMM transceiver, P/N 430-6040-203 S/N 25808499, installed into radio stack with COMANT CI-122 VHF com antenna installed with doubler on belly. Installation accomplished in accordance with Installation Manual P/N 560-0956-03 Rev B Dated April 2004. Garmin GTX-327 Transponder P/N 011-00490-00, serial number 83734222, installed into radio stack with spike antenna installed on belly with doubler. Installation accomplished in accordance with Installation Manual P/N 190-00187-02 Revision L dated June 2006. Installed PS Engineering PM1000II Intercom system P/N 11922 S/N K12295 in radio stack in accordance with installation manual P/N 200-123-0003 Rev 3 Aug. 2003. Installed TRUTRAK Digiflight II Autopilot in accordance with Installation Manual dated May 2007. A/P Controller P/N 8000-013 S/N 080723-8000-013-001, Roll servo P/N 8100-008 S/N 080828-8100-006-003 and Pitch servo P/N 8100-009 S/N 080904-8100-009-001. Servo mounting in Tecnam Sierra as shown in photographs of previously installed servos. Static and pitot systems replumbed to accommodate EFIS AND AUTOPILOT. Functional tests of autopilot performed on ground in accordance with ground check procedures. Installation accomplished in accordance with appropriate chapters, sections, and paragraphs of AC43.13-18/2B.

[Signature]
10/17/08

YEAR:
 DATE

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US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] Spartan Drive Denton, TX 76207 U9FR750K
LOG ID# 1853 16-October-2008 WO# 1439 HOBBS 3.6
N145AG S/N 316 TECNAM Sierra

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Performed static and pitot systems tests in accordance with FAR 91.411 and Part 43 Appendix E.
Tested AIC system, GTX327 S/N 83734222 and AF-3400, in accordance with FAR 91.413 and Part 43
Appendix E. Pressure altitude reporting system tested to 15K feet IAW FAR 91.217.

Rev C. Hargis

Date

10/16/08

US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] SPARTAN DR Denton, TX 76207 U9FR750K
LOG ID# 2253 20-February-2009 WO# 2199/1 AC TT 29.3
N145AG S/N 316 TECNAM Sierra

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REMOVED PM 1000II INTERCOM AND REPLACED WITH PM3000 P/N 11931A S/N E06417-A. MADE PIN AND CONNECTER
CHANGES IN ACCORDANCE WITH PS ENGINEERING INC INSTALLATION MANUAL P/N 200-193-0005 REV 5, AUG 2006. PM
3000 PASSES FUNCTIONAL CHECKS. INSTALLED E-01 ELT S/N 61059, REMOUT SWITCH AND ANT. ELT PASSES
FUNCTIONAL CHECKS. INSTALLED DOUBLERS AND UNITS IN ACCORDANCE WITH ACK TECHNOLOGIES E-01 ELT
INSTALLATION MANUAL RV 09/04/2007, AC 43.13 18-2B AND THE P2002 SIERRA FLIGHT MANUAL REV
01-18-2008. ELT BATTERY REPLACEMENT MARCH 2013.

U9FR750K Steve McGee

Date

2/26/09

REPLACE RCPI BATTERY BY

MARCH 2013

ACK

YEAR:

DATE

750K

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E.
43

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CTER
06.PM

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] JOHN CARRELL Denton, TX 76207 U9FR750K
LOG ID# 2337 17-March-2009 AC TT 31.6 HOBBS 31.6 Pg 1 / 1
N145AG S/N 316 TECNAM Sierra

REPLACED FOWARD INBOARD BROKEN SEAT PAD ON PILOT SEAT WITH FACTORY SUPPLIED PART AND RIVITS. INSTALLED SEAT IN A/C

[REDACTED]
WILLIAM SVADLENKA

3-16-09.
Date

US Aviation Group, LLC U.S. Aircraft Maintenance [REDACTED] John Carrell Denton, TX 76207
LOG ID# 2708 14-June-2009 WO# 2725 AC TT 75.3 HOBBS 75.3 Pg 1 / 1
N145AG S/N 316 TECNAM Sierra TSNEW 75.3

Performed a conformity inspection in accordance with Technam Maintenance. Cleaned and lubed flight controls as required. I certify that this aircraft has been inspected in accordance with the manufacturer's procedures and has been found to be in a condition for safe operation.

A&P [REDACTED] Nathan Probst

6/14/09
Date

[illegible]